

Name of Work:- Development of secondary and tertiary drains in ward No.07 Byatarayanapura

Estimated Cost:- 45.00 Lakhs

S.N	DESCRIPTION OF WORK	Unit	N	L	B	D	QTY	RATE	AMOUNT
1	2	3	4	5	6	7	8	9	10
1	KSRRB 300-1. Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications.. Pg No.143.Item No.19.1)								
	Basic Rate:	cum	130.00						
	Area Weightage @ 6%		7.80						
	Total		137.80						
	gullappa nursery from main road		1	205.00	2.40	2.40	1180.80		
				rtd to	TOTAL		1170.00	137.80	161226.00
2	KSRB 4-1.3: Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, conrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification . (Pg.No.13, It.4.3)								
	Basic Rate:	cum	5102.00						
	Area Weightage @ 6%		306.12						
	Total		5408.12						
	RCC DRAIN- BOTTOM								
	gullappa nursery from main road		1.00	205.00	2.35	0.15	72.26		
					TOTAL		72.26	5408.12	390805.00
3	KSRB 4.2.2: Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastizers @ 3lts confirming to IS 9103-1999 RE affirmed - 2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case lintels, retaining walls return walls, walls(anythickness) including attached plasters columns piers abutments pillars posts struts buttresses string or lacing courses parapets copings, bed blocks , plain windows cills fillets etc., including cost of all materials labour HOM of machinery curing complete as per specifications. Seocifications No. KBS 4.1,4.6 (Page NO. 14, Item NO. 4.11)								
	Basic Rate:	cum	5659.00						
	Area Weightage @ 6%		339.54						
	Total		5998.54						
	Bottom								
	gullappa nursery from main road		1.00	205.00	2.40	0.15	73.80		
	Side Wall								
	gullappa nursery from main road	1x2	2.00	205.00	0.20	2.00	164.00		
							237.80	5998.54	1426453.00

4	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.(Page No.18, Item No.4.46.2)						
	Basic Rate:	Tonne	70966.00				
	Area Weightage @ 6%		4257.96				
	Total		75223.96				
	Reinforcement for side wall					237.80	
			At 55 Kg % per cum			13.08	75223.96
							983855.00
5	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular slabs /side walls polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge.(Page No.16, Item NO.4.32)						
	Basic Rate:	Sqm	456.00				
	Area Weightage @ 6%		27.36				
	Total		483.36				
	SIDE WALL						
	gullappa nursery from main road	1x4	4	205.00	2.00	1640.00	
						1640.00	483.36
							792711.00
6	KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1 (Page 118, item No. 17.1)						
	Basic Rate	cum	68.00			1170.00	106.00
	Rs. 2.50 Tonne Km.						
	Average Weight of earth						
	1.28 Tonne/Km.						
	For 10 Km						
	Rs.2.50X1.28TonneX10Km		32.00				
	Total		100.00				
	Add Area Weightage6%		6.00				
			106.00				
7						Sub Total	3879070.00
8						Add 12% GST charges	465488.40
9						Add 3% KRIDL charges	116372.10
10						Add 1% Labour cess charges	38790.70
11						Miscellaneous charges	278.80
12						Total	4500000.00

- 1) This is certified that the work spot comes under BBMP limits only.
- 2) The work spot is inspected by me
- 3) The items Provided in the Estimate are quite Essential
- 4) The rates are as per CSR of 2018-19 year of PWD Bangalore Circle.

Asst. Engineer
Ward no.7

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Executive Engineer
Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

Administrative Approval

Accorded For *RS 45 w/c arch only*
Head of A/C *P 3292*
CER NO : *83/18-19* Dt *27.12.18*

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CE (YNK)

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Technical Sanction
Accorded For *RS 45 w/c arch only*
Head of A/C *P 3292*
CER NO : *149/18-19* Dt *27.12.18*

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